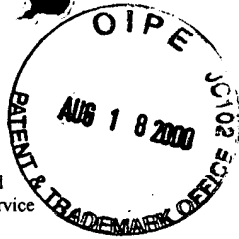


CERTIFICATE OF MAILING

I hereby certify that this paper and every paper referred to therein as being enclosed is being deposited with the U.S. Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner of Patents & Trademarks, Washington, DC 20231,

on August 14, 2000 (Date of Deposit)

8/14/00 CM Bryan
Date Name



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4305/1E144-US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Ipsen *et al.*

Serial No.: 09/270,910

Group Art Unit: 1644

Filed: 03/16/99

Examiner: M.DIBRINO

For: NOVEL RECOMBINANT ANTIGENS

**SUBMISSION OF SEQUENCE LISTING
AND STATEMENT PURSUANT TO 37 C.F.R. § 1.821**

Hon. Commissioner of
Patents and Trademarks
Washington, DC 20231

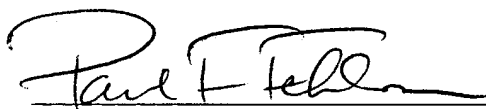
Sir:

This letter is in response to the office action of June 14, 2000. In response to the requirements therein, enclosed in an initial paper copy of the sequence listing for the instant application and a diskette containing a computer readable form of the sequence listing. Pursuant to Rule 821 (f) and (g), the contents of the attached paper entitled "SEQUENCE LISTING" and of the

Serial No.: 09/270,910
Filed: March 16, 1999
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computer readable form of the sequence listing, specifically the ASCII-DOS encoded file "SEQLIST.txt" on the enclosed diskette, are identical and the sequence submission contains no new matter.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Paul F. Fehlner", written over a horizontal line.

Paul F. Fehlner, Ph.D.
Registration No. 35,135
Attorney for Applicant

Dated August 14, 2000

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PFF:TT